



Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

claimed and for which a	a patent is sought on the	e invention entitled:
TAILORED SPACER W	ALL COATINGS FOR	REDUCED SECONDARY ELECTRON EMISSION
the specification of whi	ch:	
is attached hereto X was filed on was amend	o, or 01/28/00 as ap ded on	plication serial no. 09/493,697 : and
I hereby state that I have the claims, as amended		stand the contents of the above identified specification, including ferred to above; and
I acknowledge the duty accordance with Title 3	to disclose information 7, Code of Federal Reg	which is material to the examination of this application in julations, Section 1.56(a).
Foreign Priority	Claim	
for patent or inventor's	certificate listed below a	tle 35, United States Code Section 119 of any foreign application(s) and have also identified below any foreign application for patent or that of the application on which priority is claimed:
Number	Country	Date Filed Priority Claimed
		yes no
		yes no
U.S. Priority Cla	im	
listed below and, insofa United States application 112, I acknowledge the	r as the subject matter of on in the manner provide duty to disclose materi occurred between the fil	d States Code, Section 120 of any United States application(s) of each of the claims of this application is not disclosed in the prior ed by the first paragraph of Title 35, United States Code, Section al information as defined in Title 37, Code of Federal Regulations, ing date of the prior application and the national or PCT
Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502		
	02/26/99	PENDING

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 42,293
Thomas M. Catale	Registration No.: P-46, 434
Jose S. Garcia	Registration No.: 43,623
Kenneth N. Glass	Registration No.: 42,537
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,641
Ronald M. Pomerenke	
William A. Zarbis	Registration No.: 43,009
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WAGNER, MURABITO & HAO LLP

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Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section application or any patent issued thereon.

Full Name of Sole/First Inventor:

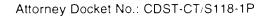
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for patent or inventor's		ind have also ide	entified below any fore	9 of any foreign application(s) ign application for patent or is claimed:
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			yes	no
U.S. Priority Cl	aim			
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Inventor's Signature	Date
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Residence Cupertino, Californ	ia Citizenship India





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is attached hereto X was filed on 0 was amend	o, or 1/28/00 as ap led on	oplication serial no	o. <u>09/493,697</u>	: and	
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I acknowledge the duty accordance with Title 3				of this application	on in
Foreign Priority	Claim				
I hereby claim foreign p for patent or inventor's of inventor's certificate have	certificate listed below	and have also ide	entified below any fo	reign applicatio	
Number	Country	Date Filed	Priority Claimed		
			yes	no	
				no	
U.S. Priority Cla	im fit under Title 35, Unite	ed States Code, S	Section 120 of any U		
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Wilfred H. Lam	Registration No.: 41,923
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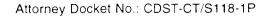
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Full Name of S	Sole/First Inventor:	Lawrence	s.	Pan			
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Page 2 of 4

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Full Name of Seventh/Joint Inventor: Roger W. Barton	1
Inventor's Signature A. C. III B. T.	Date 2/-0/
Inventor's Signature () Sot () Sot ()	Citizenship USA
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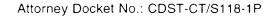
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Inventor's Signature	Date Citizenship Ireland
(City State)	Citizensnipireiana
	San Francisco, California 94118
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Posidoneo Palo Alto California	Date Citizenship USA
(City State)	Citizeriship USA
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	ames C. Dunphy
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Inventor's Signature	Date Citizenship USA
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	nue, San Jose, California 95125

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r uii Name or	i wenth /Joint inventor.	Kollengode S. Narayanan
Inventor's Sig	nature	Date
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Jose S. Garcia	Registration No.: 43,613
Kenneth N. Glass	Registration No.: 40,587
Wilfred H. Lam	Registration No.: 41,923
Patrick W. Ma	Registration No.: 44,215
Christopher R. Novak	Registration No.: 42,041
Ronald M. Pomerenke	Registration No.: 43,009
William A. Earbis	Registration No.: 46,120

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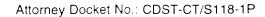
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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113 11113140 11 01140 11 01140	
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Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

claimed and for which	inal, first and joint inve a patent is sought on			the subject matter w	TROTTIS
TAILORED SPACER V	VALL COATINGS FOR	REDUCED SECO	NDARY ELECTRON S	MISSION	
the specification of wh	ich:				
is attached here X was filed on was amen	to, or 01/28/00 as a ded on	application serial no	o	: and	
I hereby state that I hat the claims, as amende				fied specification, inc	cluding
I acknowledge the duty accordance with Title 3				f this application in	
Foreign Priority	Claim				
I hereby claim foreign for patent or inventor's inventor's certificate ha	certificate listed below	v and have also ide	entified below any for	eign application for p	
inventor 3 certificate re	iving a ming date belo	re that of the applic	cation on which priorit	y is ciaimed:	
Number	Country	Date Filed	•	y is claimed:	
	· ·	Date Filed	Priority Claimed	y is cialmed: no	
	Country	Date Filed	Priority Claimed	no	
	Country	Date Filed	Priority Claimed	no	
Number	Country aim efit under Title 35, Uniar as the subject matte on in the manner prove duty to disclose mate occurred between the	Date Filed ted States Code, Ser of each of the clarided by the first paerial information as	Priority Claimed yes yes Section 120 of any Ur tims of this application tragraph of Title 35, Ledefined in Title 37, C	no no lited States application is not disclosed in the lited States Code, states of Federal Regional R	he prior Section
U.S. Priority Claim the ben listed below and, insoft United States application 112, I acknowledge the Section 1.56(a) which	Country aim efit under Title 35, Uniar as the subject matte on in the manner prove duty to disclose mate occurred between the	Date Filed ted States Code, Ser of each of the clarided by the first partial information as filing date of the p	Priority Claimed yes yes Section 120 of any Ur tims of this application tragraph of Title 35, Ledefined in Title 37, C	no no ited States applicati is not disclosed in the linited States Code, states application of Federal Region of PCT	he prior Section
U.S. Priority Claim the ben listed below and, insofa United States application 112, I acknowledge the Section 1.56(a) which international filing date	Country aim efit under Title 35, Uniter as the subject matter on in the manner proveduty to disclose mater occurred between the of this application: Filing Date	Date Filed ted States Code, Ser of each of the clavided by the first partial information as filing date of the p	Priority Claimed yes yes Section 120 of any Ur tims of this application tragraph of Title 35, Le defined in Title 37, C rior application and the s (patented/pending/	no no ited States applicati is not disclosed in the linited States Code, states application of Federal Region of PCT	he prior Section

Power of Attorney

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James P. Hao	Registration No.: 36,398
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John P. Wagner	Registration No. 35,338
Glenn D. Barnes	Registration No.: ±2,23
Thomas M. Catale	Registration No.: 2-45, 434
Jose S. Garcia	Registration No.: 43,613
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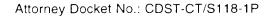
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claimed and for which	h a patent is sought on t	he invention entitled:
TAILORED SPACER	WALL COATINGS FOR	REDUCED SECONDARY ELECTRON EMISSION
the specification of w	hich:	
is attached her x was filed on was ame	eto, or 	pplication serial no. 09/493,697 : and
I hereby state that I h		rstand the contents of the above identified specification, including
		n which is material to the examination of this application in egulations, Section 1.56(a).
Foreign Priorit	y Claim	
for patent or inventor	's certificate listed below	Title 35, United States Code Section 119 of any foreign application(s) and have also identified below any foreign application for patent or e that of the application on which priority is claimed:
Number	Country	Date Filed Priority Claimed
		yesno
		yes no
U.S. Priority C	laim	
listed below and, inso United States applica 112, I acknowledge tl	ofar as the subject matter tion in the manner provi- ne duty to disclose mate n occurred between the f	ed States Code, Section 120 of any United States application(s) r of each of the claims of this application is not disclosed in the prior ded by the first paragraph of Title 35, United States Code, Section rial information as defined in Title 37, Code of Federal Regulations, filing date of the prior application and the national or PCT
Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

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John P. Wagner	Registration No.: 35,398
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Patrick W. Ma	Registration No.: 44,215
Christopher F. Novak	Registration No.: 42,041
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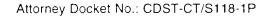
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Full Name of T	/34\$5 welfth /Joint	Old Oak I Inventor:	νη, ζ Koller	pratoga gode s	, CA Nara	95070 yanan	SP	
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	a patent is sought on th			the subject matter which is	•
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the specification of whi	ich:				
is attached heret x was filed on was amen	o, or 01/28/00 as ap ded on	plication serial no	o. 09/493,697	: and	
	ve reviewed and unders d by any amendment re			fied specification, including	g
	to disclose information 37, Code of Federal Reg			f this application in	
Foreign Priority	Claim				
for patent or inventor's		and have also ide	entified below any for	9 of any foreign application of any foreign application for patent y is claimed:	
Number	Country	Date Filed	Priority Claimed		
Number	•		Priority Claimed yes	no	
Number	•		yes	no no	
Number U.S. Priority Cla			yes		
U.S. Priority Cla I hereby claim the bene listed below and, insofa United States application 112, I acknowledge the	efit under Title 35, Unite ar as the subject matter on in the manner provice duty to disclose mater occurred between the fi	ed States Code, sof each of the claded by the first parallel information as	yes	no ited States application(s) is not disclosed in the pri Inited States Code, Sectio	n
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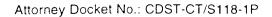
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Inventor's Sig	nature				Date	
	San Jose, Californi	a	•••••	Citize	enship USA	
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Inventor's Signature Residence Tofte, Minnesota (City State) P.O. Address 24 Country Road #34, Tofte, M Full Name of Eighth/Joint Inventor: Michael J. Ny Inventor's Signature Residence San Jose, California (City State) P.O. Address 1859 Andrews Avenue, San Jose Full Name of Ninth/Joint Inventor: Ramamoorthy R	Date Citizenship USA dinnesota 55615 Patrom Date Citizenship USA e, California 95124	
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Inventor's Signature Residence Tofte, Minnesota (City State) P.O. Address 24 Country Road #34, Tofte, M Full Name of Eighth/Joint Inventor: Michael J. Ny Inventor's Signature Residence San Jose, California (City State) P.O. Address 1859 Andrews Avenue, San Jose Full Name of Ninth/Joint Inventor: Ramamoorthy R Inventor's Signature Residence Silver Spring, Maryland (City State)	Date Citizenship USA dinnesota 55615 Patrom Date Citizenship USA e, California 95124	
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Full Name of E	Eleventh /Joint Inventor:	Shiyou Pei
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Inventor's Sign	nature Divara	experies Date 8.10-00
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Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

claimed and for which a	patent is sought on the	e invention entitled:
TAILORED SPACER WA	ALL COATINGS FOR I	REDUCED SECONDARY ELECTRON EMISSION
the specification of which	ch:	
is attached hereto X was filed on 0 was amend	o, or 1/23/00 as app ed on	plication serial no09/493,697: and
I hereby state that I hav the claims, as amended		stand the contents of the above identified specification, including ferred to above; and
		which is material to the examination of this application in julations, Section 1.56(a).
Foreign Priority	Claim	
for paterit or inventor's o	certificate listed below a	tle 35, United States Code Section 119 of any foreign application(s) and have also identified below any foreign application for patent or that of the application on which priority is claimed:
Number	Country	Date Filed Priority Claimed
		yes no
		yes no
U.S. Priority Cla	im	
listed below and, insofar United States applicatio 112, I acknowledge the	r as the subject matter of in the manner provide duty to disclose materia courred between the fili	d States Code, Section 120 of any United States application(s) of each of the claims of this application is not disclosed in the prior ed by the first paragraph of Title 35, United States Code, Section al information as defined in Title 37, Code of Federal Regulations, ing date of the prior application and the national or PCT
Serial Number		
Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502		

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

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Glenn D. Barnes	Registration No.: 42,233
Thomas M. Catale	Registration No.: P-45,434
Jose S. Garcia	Registration No.: 43,528
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Wilfred H. Lar	Registration No.: <u>41,933</u>
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Christopher R. Novak	Registration No.: 42,042
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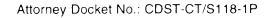
Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Declaration and Power of Attorney for a Patent Application

Declaration

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claimed and for which a	patent is sought on th	ne invention entitled:
TAILORED SPACER WA	ALL COATINGS FOR	REDUCED SECONDARY ELECTRON EMISSION
the specification of which	h:	
is attached hereto was filed on 0 was amend	o, or 1/28/00 as ap ed on	oplication serial no09/493,697 : and
I hereby state that I hav the claims, as amended	e reviewed and under by any amendment re	stand the contents of the above identified specification, including eferred to above; and
		which is material to the examination of this application in gulations, Section 1.56(a).
Foreign Priority	Claim	
for patent or inventor's o	ertificate listed below	Title 35, United States Code Section 119 of any foreign application(s) and have also identified below any foreign application for patent or a that of the application on which priority is claimed:
Number	Country	Date Filed Priority Claimed
		yes no
		yes no
U.S. Priority Cla	im	
listed below and, insofar United States applicatio 112, I acknowledge the	as the subject matter n in the manner provic duty to disclose mater courred between the fi	ed States Code, Section 120 of any United States application(s) of each of the claims of this application is not disclosed in the prior ded by the first paragraph of Title 35, United States Code, Section rial information as defined in Title 37, Code of Federal Regulations, iling date of the prior application and the national or PCT
Serial Number	Filing Date	Status (patented/pending/abandoned)
		PENDING

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 185,299
John P. Wagner	Registration No.: 15,334
Glenn D. Barnes	Registration No.: [42, 293]
Thomas M. Catale	Registration No : Pm46,434
Jose S. Carcia	Registration No.: 43,625
Kenneth N. Glass	Registration No: 42,537
Wilfred H. Lar	Registration No 41,933
Patrick W. Ma	Registration No : 44,215
Christopher R. Novak	Registration No42,041
Honald M. Pomerenke	Registration No.: 43,002
William A. Zarbis	Registration No.: 46,120

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Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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(City State)	Outzonship		
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Inventor's Signature	Date		
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Inventor's Signature	Date		
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(City State) P.O. Address 12526 Strafford Garden Drive,			
Full Name of Tenth /Joint Inventor:	nphy		
Inventaria Cinastura	D-1:		
Inventor's Signature	Date		
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Full Name of E	leventh /Joint Invento	Shiyou Pei
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••	(City Stat	
P.O. Address	4194 Hamilton	Avenue, Apt 9, San Jose, California 95130
Full Name of T	welfth /Joint Inventor:	Kollengode S. Narayanan
Inventor's Sign	ature	Date
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	(City Stat	e)
P.O. Address	10480-A Foothi	ll Blvd., Cupertino, California 95014

Page 4 of 4

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Declaration and Power of Attorney for a Patent Application

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the specification of whi	ch:	
is attached heret X was filed on was amend		ition serial no09/493,697 : and
I hereby state that I hat the claims, as amended	ve reviewed and understand d by any amendment referre	d the contents of the above identified specification, including ad to above; and
	to disclose information which 7, Code of Federal Regulat	ch is material to the examination of this application in ions, Section 1.56(a).
Foreign Priority	Claim	
for patent or inventor's	certificate listed below and h	85, United States Code Section 119 of any foreign application(s) nave also identified below any foreign application for patent or of the application on which priority is claimed:
Number	Country D	ate Filed Priority Claimed
		yes no
		yes no
U.S. Priority Cla	nim	
listed below and, insofa United States application 112, I acknowledge the	or as the subject matter of eact on in the manner provided be duty to disclose material in occurred between the filing o	ates Code, Section 120 of any United States application(s) ach of the claims of this application is not disclosed in the prior y the first paragraph of Title 35, United States Code, Section formation as defined in Title 37, Code of Federal Regulations, date of the prior application and the national or PCT
Serial Number	Filing Date	Status (patented/pending/abandoned)
09/258,502	02/26/99	PENDING

Page 1 of 4

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 35,398
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Thomas M. Catale	Registration No.: 2-45,434
Jose S. Garcia	Registration No.: 43,623
Kenneth N. Glass	Registration No.: 42,587
Wilfred H. Lam	Registration No.: 41,923
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Christopher R. Novak	Registration No.: 42,041
Ronald M. Pomerenke	Registration No.: 43,009
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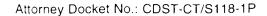
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Full Name of Sole/First Inventor: Lawrence S.	Pan
Inventor's Signature	Date
Residence Los Gatos, California	Citizenship USA
(City State) P.O. Address 251 Kingston Hill Way, Los	
Full Name of Second/Joint Inventor: Donald R.	Schropp, Jr.
Inventor's Signature Frank & Schutt	Date July 27, 2000
Residence San Jose, California II //	Citizenship USA
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	rov		
Inventor's Signature	Date		
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Inventor's Signature	Date		
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J. J			
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Inventor's Signature	Date		
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(City State) P.O. Address 167 Webster Street, Palo Alto,	California 94306		
10. Nadioo III. Nesseet Beleet, Late III.			
Full Name of Sixth/Joint Inventor: Christopher J.			
Inventor's Signature Residence Menlo Park, California (City State)	Date		
Residence Menlo Park, California	Citizenship USA		
P.O. Address 115 Hillside Avenue, Menlo Par	k, California 94025		
Full Name of Seventh/Joint Inventor: Roger W. Barton			
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Inventor's Signature Residence Tofte, Minnesota	Date Citizenship USA		
Inventor's Signature Residence Tofte, Minnesota (City State) P.O. Address 24 Country Road #34, Tofte, Mi	Date Citizenship USA		
Inventor's Signature Residence Tofte, Minnesota	Date Citizenship USA nnesota 55615		
Inventor's Signature Residence Tofte, Minnesota (City State) P.O. Address 24 Country Road #34, Tofte, Mi Full Name of Eighth/Joint Inventor: Michael J. Nys	Date Citizenship USA .nnesota 55615		
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Full Name of E	Eleventh /Joint Inventor:	Shiyou Pei
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Inventor's Sigr	nature	Date
Residence	Cupertino, California	Citizenship India
	(City State)	l Blvd., Cupertino, California 95014





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is attached her X was filed on was ame		s application serial r	o. <u>39/493,697</u>	: and	
I hereby state that I he the claims, as amend	ed by any amendmer ty to disclose informa	nt referred to above; tion which is materia	and al to the examination	·	-
accordance with Title		Regulations, Section	n 1.56(a).		
I hereby claim foreigr for patent or inventor inventor's certificate h	s certificate listed bel naving a filing date be	ow and have also ic fore that of the appli	entified below any fo cation on which prior	reign application for	
Number	Country	Date Filed	Priority Claimed		
			yes	no	
			yes	no	
U.S. Priority C	laim				
	far as the subject ma tion in the manner pr ne duty to disclose ma n occurred between the	tter of each of the cl ovided by the first p aterial information a	aims of this application aragraph of Title 35, s defined in Title 37,	on is not disclosed United States Cod Code of Federal R	in the prior le, Section Regulations,
Serial Number	Filing Date	e Statu	us (patented/pending	g/abandoned)	
09/258,502	02/26/9	99 PEN	DING		

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Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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